

Van Parijs' Research at Caltech, Brigham Drawing New Scrutiny

By Kelley Rivoire
EDITOR IN CHIEF

Accusations continue to swirl around work done by Luk Van Parijs, a former professor in the Biology Department and Center for Cancer Research who was fired by MIT last week for committing scientific misconduct while at the Institute. New doubts have been raised about the veracity of data in papers Van Parijs wrote prior to joining the MIT faculty in 2000, and the institutions where he did his previous work are considering investigative action.

A report of an investigation by *New Scientist* released Friday calls into question three papers that each have "uncanny similarities" in figures cited as coming from differ-

ent sources. In a 1998 paper in the journal *Immunity* (Volume 8, page 265-274), clusters of dots and even outliers in graphs of flow cytometry data from different mice are practically identical. Similar questions arise in figures in a 1999 *Immunity* paper (Volume 11, pages 281-288) and a 1997 paper in the *Journal of Experimental Medicine* (Volume 186, page 1119-1128), according to the report.

Van Parijs, who admitted to fabricating and falsifying data during MIT's investigation into his work at the Institute, did not return requests for comment, but wrote in an e-mail to *New Scientist* that "None of the data for the figures you mention have been falsified. I am collaborating

fully with the inquiries and I cannot comment further at this time."

A statement from Lynne Herndon, president and CEO of Cell Press, which publishes *Immunity*, said, "We take all scientific misconduct very seriously and we will be looking into these cases in detail before determining what actions, if any, may be necessary from the journal."

Early this month, Caltech began looking at work done by Van Parijs while he was a postdoctoral researcher at the university, said Jill Perry, director of media relations at Caltech. The inquiry, which should be completed early November, is being conducted by Elliot M. Mey-

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RAY C. HE—THE TECH

Yang Ruan '07 of the MIT Women's Polynesian Dance Troupe performs in a typical Tahitian dance entitled "lorana," which means "hello" or "welcome." The dancers won Best Large Group Act at Sigma Kappa Late Night on Saturday.

Early Action Deadline Extended After MyMIT Web Site Shutdown

By Brian Keegan
STAFF REPORTER

For the second time in its two-year existence, MIT's new undergraduate admissions portal crashed on the eve of an application deadline. According to a notice on the MyMIT portal, the deadline for Early Action applications has been extended from today to Friday, Nov. 4 as a result of technical issues that occurred over the weekend.

Meredith E. Walsh, associate director of admissions for IT, wrote in

an e-mail, "We have not definitely identified the source of the problem yet. This is not at all related to the problems we experienced last year."

In a posting on his admissions blog, Ben Jones, communications manager for the admissions office, cited "load bouncing issues ... coupled with 4000 [applicants] doing their apps at the last minute" as factors contributing to the technical issues.

The MyMIT portal had technical difficulties last year when a bug

caused shutdown for two days. An inappropriate configuration setting had allowed "prospective students to inadvertently see another registrant's information," of which there was one known case, Walsh wrote. There has been no such security breach this year, she wrote.

Jones said in an e-mail that he does not believe that the outage will affect applicants' image of MIT. "Whenever we run into problems, we

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Phone, Network Costs May Change in FY08

By John A. Hawkinson
STAFF REPORTER

Information Services and Technology will be looking at a "radical restructuring" of billing for all telephone and networking services at MIT, according to Allison F. Dolan, IS&T's director of telephony.

The restructuring could potentially eliminate monthly charges for each telephone line and IP address, replacing them with a central charge. Changes to the pricing model would take effect July 2007 for fiscal year 2008. Dolan said that pricing for fiscal year 2007, starting July 2006, would likely remain the same as current pricing.

Speaking Friday at an invitation-only IS&T-sponsored forum, Dolan described the current billing practices as "archaic." IS&T breaks down phone charges into local and long distance, Dolan said, but those charges have been decreasing. Dolan said that the billing for network services is structured around the number of ethernet jacks, but the campus is becoming increasingly wireless.

Currently, network service is billed at \$17 per IP address per month, and telephones are billed at \$20-\$37 per phone, depending on type. Housing pays \$3 for telephones in dormitories, and students desiring full phone service must pay the difference: \$17 dollars.

Dolan suggested several ways that a price restructuring might work: a fixed cost per person; funding from the general Institute budget; or a cost per person in proportion to salary, meaning, for example, that a professor's contribution would be larger than a janitor's.

This month, IS&T will convene

a committee from across the Institute to produce a concrete proposal by spring 2006. That proposal would then be reviewed by the Institute's Budget Finance Steering Group in August, with a final decision made around September 2006.

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CHUN LI—THE TECH

Jack-o-lantern balloons and other Halloween decorations festoon the Student Center as part of the annual Halloween performance by MIT Concert Band.

After Delays, Study Abroad Dean Will Be Selected Soon

By Yi Zhou

The new Study Abroad Office is slated to open in Building 26 in several months, when the new assistant dean to lead it is selected. Because there have been many applications for the position, the selection process has taken longer than expected and caused a delay, said Peggy S. Enders, associate dean for undergraduate education.

An offer for the position should be extended mid-November, and the new dean is expected to start work in early January, Enders said. Applicants have come from both MIT and outside the Institute, she said. Enders had said earlier that she hoped the office would open at the end of September.

The new dean will facilitate students' study abroad efforts and "focus on working with departments at MIT to identify schools in other countries where faculty would be comfortable with sending students to," Enders said.

She also said the proposed location for the Study Abroad office, 26-153, is only temporary and that she hopes the office will be moved in a few years to a more student-friendly environment that can fit more than three students at a time.

With the increased visibility of the study abroad program, more students should be encouraged to take advantage of overseas opportunities. "The culture is changing," Enders said. "It used to be that if you were at MIT, you stayed at MIT. But it's really good that the faculty now know that it's important for individuals to gain some sense of other cultures and ways of learning."

Until the office opens, students interested in studying abroad can obtain information through the Careers Office and the Cambridge-MIT Exchange program.

In Short

MIT Police have a new Web site (<http://web.mit.edu/cp/www/>). The site features crime bulletins and crime logs dating back about two weeks.

Nokia and MIT's Computer Science and Artificial Intelligence Laboratory announced a new partnership last week that will focus on mobile computing technology. A Nokia Research Center Cambridge will be built near MIT as part of the partnership, according to an MIT press release.

Aero-Astro Professor Eugene E. Covert has been named the recipient of the 2006 Daniel Guggenheim Medal, which recognizes notable achievements in aeronautics. Previous recipients include Charles Stark Draper '26 and Orville Wright.

Send news information and tips to news@the-tech.mit.edu.

OPINION

Cassi Hunt explains why she practices the under-appreciated art of physics.

NEWS

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WORLD & NATION

7 More U.S. Deaths in Iraq End a Lethal Month

By Sabrina Tavernise

THE NEW YORK TIMES

BAGHDAD, IRAQ

The military announced the deaths of seven American soldiers and Marines near Baghdad on Monday, making October the fourth-deadliest month for troops here since the war began.

Also on Monday, at least 13 people were killed and 55 wounded when a car packed with explosives detonated near a restaurant in the southern city of Basra, the spokesman for the Basra police department said.

The U.S. troops were killed in three separate roadside bomb attacks in two days, the military said in a statement. Four soldiers were killed Monday when their vehicle hit a bomb in Yusifiya, about 10 miles south of Baghdad.

Another two died in a similar fashion near Balad, 50 miles north of the capital. On Sunday a Marine was killed in a roadside bomb attack in Amiriya, southwest of Baghdad.

The attacks brought the number of Americans killed in October to 92, the highest monthly toll since January, when 106 U.S. troops were killed in violence ahead of national elections here.

Methodist Court Cracks Down On Gays

By Neela Banerjee

THE NEW YORK TIMES

WASHINGTON

In a series of decisions that bolstered conservatives, the highest court in the United Methodist Church on Monday defrocked an openly lesbian minister in Pennsylvania and reinstated a pastor in Virginia who had been suspended for refusing to allow a gay man to become a member of his congregation.

The Judicial Council, the United Methodist equivalent of the Supreme Court, also in two cases involving the regional conferences of the Pacific Northwest and California-Nevada, held that church law superseded local resolutions that were more inclusive toward gays.

The rulings come at a time when disputes over the role of gays in the clergy and whether to bless same-sex unions are roiling the mainline churches and the decisions served to reaffirm the United Methodist Church's traditional stance against the ordination of "self-avowed, practicing homosexuals."

In Rejecting Deal With Red Sox Epstein Concludes Memorable Run

By Ben Shpigel

THE NEW YORK TIMES

Theo Epstein, the wunderkind architect of the Boston Red Sox' first World Series-winning team in 86 years, resigned Monday in a stunning conclusion to what apparently was a power struggle that undermined his three-year tenure as general manager.

Epstein, whose contract was to expire at midnight Monday, declined the team's offer for an extension and left a position he had desired since his childhood, when he grew up a few blocks from Fenway Park.

"In my time as general manager of the Red Sox, I gave my entire heart and soul to the organization," Epstein said in a statement. "During the process leading up to today's decision, I came to the conclusion that I can no longer do so."

Epstein, 31, also said he would remain with the Red Sox for several days to ease the transition heading into next week's general managers meetings, but did not say what he would do after that.

The Boston Herald, which first reported the news on its Web site, said the prevailing factor in Epstein's decision was neither money nor the length of the extension.

Conservative Alito Is Bush's New Supreme Court Nominee

By Christine Hauser

THE NEW YORK TIMES

President Bush nominated Judge Samuel A. Alito Jr. for the Supreme Court Monday, four days after Bush's previous choice withdrew.

The nomination is likely to please Bush's conservative allies, whose sharp attacks on Harriet E. Miers were instrumental in prompting her to drop out last week. But the president is more likely to get a battle from Democrats and liberals who may believe Alito's views are too extreme.

Bush described Alito, who sits on the 3d U.S. Circuit Court of Appeals, as having an "extraordinary breadth of experience" and as being "tough and fair." Referring to the judge's long career and current duties on the appeals court, the president said Alito now had "more prior judicial experience than any Supreme Court nominee in more than 70 years."

"I urge the Senate to act promptly so that an up or down vote is held before the end of this year," Bush said at the White House, as he presented Alito as his nominee.

The president's new effort to fill a second Supreme Court vacancy presents an opportunity for Bush to

revitalize his political base and to put his mark on the court at a time when the White House is besieged on other fronts.

Public opinion polls show Bush's popularity at a new low. American casualties continue to mount in Iraq, parts of the president's domestic agenda are in limbo, and the White House is reeling from the indictment of a top aide, I. Lewis Libby Jr., which came a day after the withdrawal of Miers.

Alito, 55, speaking as his wife and two children looked on, said he had long held the Supreme Court "in reverence," and reminisced about his first time arguing a case there, in 1982. Justice Sandra Day O'Connor, who is retiring and whom he would replace, sensed that he was a "rookie," he recalled of that first appearance, and made sure that the first question he was asked was a kind one. "I was grateful to her on that happy occasion, and I am particularly honored to be nominated for her seat," he said.

He said he was also filled with a sense of awe for what the court stands for as an institution: equal justice under law.

Alito added that he looked forward to working with the Senate in the confirmation process.

Over the weekend, the Senate minority leader, Harry Reid, D-Nevada, warned Bush in remarks on CNN not to pick Alito, saying such a move would make his Senate confirmation process problematic.

Monday, after the announcement was made, Reid said in a statement that he was disappointed in the choice for several reasons, noting that president had failed to consult with Senate Democrats, as he had before nominating Miers.

Reid said that he considered the Alito nomination as lacking in diversity for the court as well as perspective, in that Bush had chosen a man to replace one of the only two women to have ever sat on the court; had failed to choose a Hispanic (no person of Hispanic heritage has ever sat on the highest court); and that Alito's background as a federal appellate judge was similar to that of eight other justices.

"President Bush would leave the Supreme Court looking less like America and more like an old boys' club," said Reid in a statement.

Security Council Votes to Order Syria to Cooperate With Inquiry

By Warren Hoge

THE NEW YORK TIMES

UNITED NATIONS

The Security Council voted unanimously Monday to compel Syria to stop obstructing a U.N. investigation into the assassination of the former Lebanese prime minister Rafik Hariri or face unspecified "further action."

The 15-0 vote was a diplomatic shunning of Syria, which has found itself increasingly isolated since the publication 10 days ago of an initial report by the chief U.N. investigator in the case that identified high-ranking Syrian officials as suspects in the assassination. Among the votes was that of Algeria, the Arab representative on the panel.

While the resolution that was approved did not include a threat of specific economic sanctions, as some earlier drafts did, it keeps such options on the table because it was

adopted under a provision that gives the United Nations broad powers to punish noncompliance, diplomats said.

The measure orders Syria to "fully and unconditionally" cooperate with the inquiry and to give complete access to places, documents and people that investigators ask for — a caveat that diplomats said included President Bashar al-Assad, who has refused to be interviewed. The measure further orders Syria not to meddle in Lebanon's domestic politics, and it calls for international travel bans and asset freezes on suspects the investigation refers to a Security Council panel.

In a statement after casting the U.S. vote, Secretary of State Condoleezza Rice said that "with our decision today, we show that Syria has isolated itself from the international community — through its

false statements, its support for terrorism, its interference in the affairs of its neighbors and its destabilizing behavior in the Middle East.

"Now the Syrian government must make a strategic decision to fundamentally change its behavior."

The co-sponsors of the measure, Britain, France and the United States, won the unanimous vote by agreeing at the last minute to drop a reference to a U.N. Charter article threatening economic sanctions against Syria and replacing it with a warning of unspecified "further action" — which could, in the end, still include such measures.

The diplomatic move, the result of early morning negotiations, succeeded in attracting the support of Algeria, China and Russia, all of whom had indicated they would abstain if the explicit threat of sanctions remained.

WEATHER

Snow Season Is Officially Open

By Roberto Rondanelli

STAFF METEOROLOGIST

According to the National Climate Data Center, the 1.1" of snow registered last Saturday at Logan Airport is the most snow in October since records began in 1892. The total of 9.41" (239 mm) of precipitation, accumulated over 17 rainy days, is also the highest observed this month.

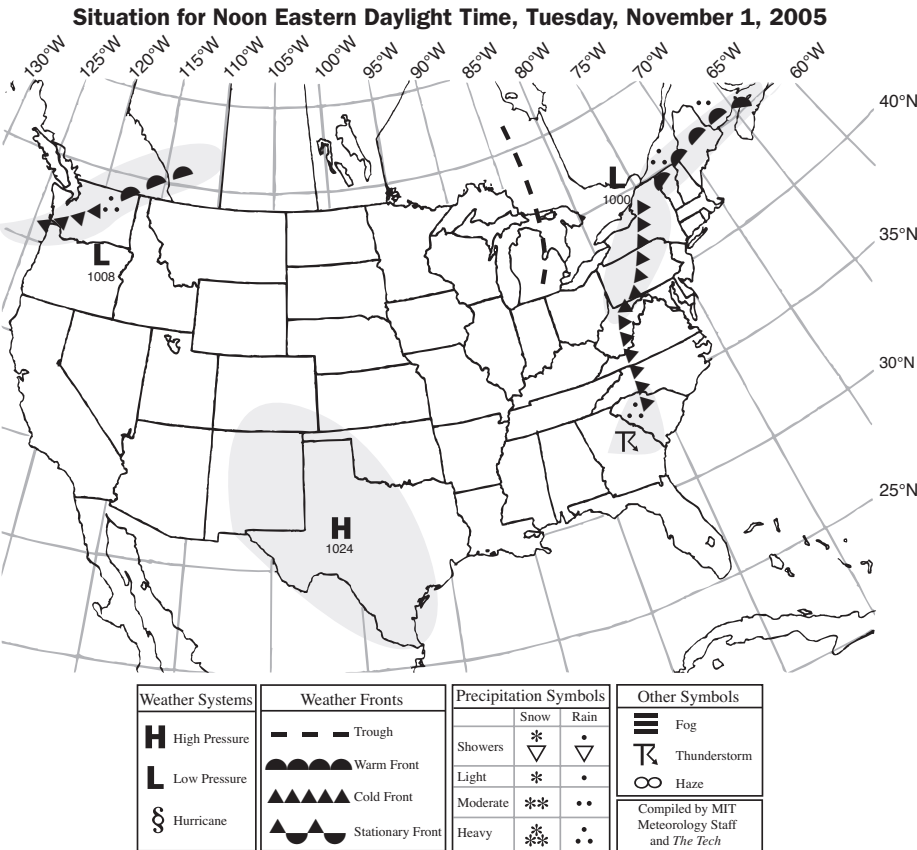
Fortunately, the short-term forecast seems to tell a different story from what we saw in this record-breaking October. The circulation associated with the low over southeastern Canada will give us at least another warm day. The passage of the weak cold front associated with the low will not bring much rainfall to our region, but we will experience relatively colder temperatures towards Wednesday and Thursday. As the high pressure pushing the cold front moves over our region, temperatures will warm up again by the end of the week.

Extended Forecast

Today: Mostly clear in the morning with cloud coverage increasing towards the evening. Pleasant. High 69°F (21°C).

Wednesday: Broken clouds in the morning, a few sprinkles are possible overnight. Mostly clear in the afternoon. Low 48°F (9°C). High 58°F (14°C).

Thursday: Mostly clear. Low 43°F (6°C). High 61°F (16°C).



After Indictment, White House Names Replacements for Libby

By Richard W. Stevenson
THE NEW YORK TIMES

WASHINGTON

The White House on Monday made its first personnel moves since the indictment on Friday of Vice President Dick Cheney's chief of staff, I. Lewis Libby Jr., naming two longtime aides to Mr. Cheney, both of whom were questioned in the C.I.A. leak investigation, to take on Mr. Libby's duties.

Mr. Cheney's office said David S. Addington, the vice president's counsel, would become his chief of staff, and John P. Hannah, who had been principal deputy assistant to the vice president for national security affairs, would become Mr. Cheney's assistant for national security.

Lea Anne McBride, Mr. Cheney's

press secretary, said Mr. Addington's new job would also carry with it another title that had been held by Mr. Libby, assistant to the president, placing him in the senior ranks of the White House staff.

Mr. Addington was referred to by job title in the indictment of Mr. Libby on Friday, and appears likely to be called as a witness should Mr. Libby's case go to trial. The indictment referred to a conversation Mr. Libby held with the vice president's counsel on July 8, 2003, in which Mr. Libby asked what paperwork the Central Intelligence Agency might keep if an employee's spouse took an overseas trip.

At the time, according to the indictment, Mr. Libby was compiling information about a trip to Africa un-

dertaken by a former diplomat, Joseph C. Wilson IV, whose wife, Valerie Wilson, was a C.I.A. officer. Ms. Wilson's identity was later made public, leading to an investigation into whether administration officials had leaked her name.

Randall Samborn, a spokesman for the special prosecutor, Patrick J. Fitzgerald, said Mr. Addington was the counsel referred to in the indictment. Mr. Addington was not charged with any wrongdoing.

Mr. Hannah was not referred to in the indictment, but like most of Mr. Cheney's aides, was questioned during the investigation. Mr. Hannah's lawyer, Thomas Green, told *Newsweek* last week that Mr. Hannah was not a target of Mr. Fitzgerald's investigation and "knew nothing" about the leak.

Increased Data Theft Spurs Hunt For Security Measures

By Tom Zeller Jr.
THE NEW YORK TIMES

It has been a bad year for data security.

The Privacy Rights Clearinghouse, a consumer advocacy group in San Diego, has counted 80 data breaches since February, involving the personal information of more than 50 million people. The sensitive data — names, Social Security and credit card numbers, dates of birth, home addresses, and the like — have either been lost by or stolen from companies and institutions that compile such data.

In February, ChoicePoint, the big data broker, raised public awareness of the problem when it announced that thieves had fraudulently obtained information on 145,000 consumers. In August, even the U.S. Air Force reported a data breach — a hacker may have gained access to a military management database and personal information on 33,000 officers.

In response, more than a dozen bills have been introduced in Congress this year.

Companies that compile, trade, and store consumer data, while largely resigned to the idea that new legislation will hold them to a higher standard for security, want to minimize the impact of any new law, maximize their discretion when it comes to notifying consumers of breaches and limit their liability when they do spring leaks.

A bill introduced by Sen. Jeff Sessions, R-Ala., for instance, simply requires businesses to improve security on the data they carry and to notify consumers only if there is a "significant risk of identity theft."

Gut Gain Found Not to Be A Result of HIV Drugs

By David Tuller
THE NEW YORK TIMES

SAN FRANCISCO

The new class of drugs called protease inhibitors revolutionized the care of HIV patients in 1996.

But many people who took the drugs began to lose fat tissue in their cheeks, arms, legs and buttocks. Many also developed a paunch — nicknamed "Crix belly" after Crixivan, one protease inhibitor — and they gained weight in their upper trunks.

The weight loss and weight gain, known respectively as peripheral lipoatrophy and central lipohypertrophy, were generally treated as a single phenomenon involving the redistribution of body fat.

Some patients refused the new drugs because they worried that this syndrome, called lipodystrophy, would mark them as having HIV or AIDS.

But growing a big belly is not part of any such syndrome, according to a new study of HIV-infected men. The study, published recently in *The Journal of Acquired Immune Deficiency Syndrome*, found that any weight gain in people who took the drugs was associated with age, not with HIV or protease inhibitors.

Observations From Hubble Reveal Pluto Has Two Additional Moons

By Kenneth Chang
THE NEW YORK TIMES

And then there were three.

Astronomers using NASA's Hubble Space Telescope announced Monday that they had spotted two small moons circling Pluto. That gives Pluto, the smallest of the nine planets, a total of three moons, or more than four of the other planets.

"I can't really say we're really surprised," said Hal Weaver, a planetary scientist at Johns Hopkins University's Applied Physics Laboratory in Laurel, Md., a co-leader of the observations. "We proposed this, to look for satellites around Pluto."

Other astronomers had not been

as optimistic. "Pretty much the community said: 'Eh, why are you looking? You're not going to find anything,'" said another Hubble team member, Marc W. Buie, at the Lowell Observatory in Flagstaff, Ariz.

The proposal was turned down twice before being approved in September 2004, Weaver said.

Pluto's largest moon, Charon, was discovered in 1978. Hubble spotted the second and third moons May 15 and May 18. For now, they are known only as S/2005 P1 and S/2005 P2. S/2005 P1, estimated to orbit 40,000 miles from Pluto, is up to 100 miles wide. P2 is likely 10 to 15 percent smaller and about 30,000 miles from Pluto.

The discovery does not directly play into the recent debate of whether Pluto should be considered a planet; a moon is not a prerequisite for planethood. (Mercury and Venus have none.)

The discovery, however, will aid planning for NASA's New Horizons mission, which will be the first spacecraft to visit Pluto. It is scheduled for launching next year.

"We'll have to divide our attention four ways instead of two," said Dr. S. Alan Stern, director of the Southwest Research Institute's Department of Space Studies in Boulder, Colo., the principal investigator for New Horizons. He was also a co-leader of the discovery team.

Burchard Scholars Program

All MIT Juniors and Sophomores

The 2006 Burchard Scholars Program Is Now Accepting Applications On Line

<http://web.mit.edu/shass/undergraduate/scholarships/burchard/index.shtml>

The Burchard Scholars Program brings together members of the MIT faculty with juniors and sophomores who have demonstrated excellence in some aspect of the humanities, arts, and social sciences. 30 Burchard Scholars are invited to a series of dinner-seminars throughout the year to discuss topics of current research or interest by faculty members, visiting scholars, and Burchard Scholars. The 2006 program begins in February.

For information or an application, contact: Dean's Office, SHASS, E51-255 (x3-8961) or the HASS Information Office, 14N-408 (x3-4443).

PLEASE NOTE - Application Deadline is DECEMBER 1, 2005

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OPINION

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Cassi Hunt

I came to MIT to become an entertainer. I create my art for sophisticated palates, and though the twentieth century blossomed with a renaissance in my craft, I unfortunately find myself in a period of artistic lull. Patrons are turning to other forms of entertainment, or — I shudder at the ramifications of this — they have simply lost the taste to appreciate the talents I came here to develop.

Other students who have chosen majors in the pure sciences will appreciate my plight. A fellow physics major recently asked me why I chose our major. We agreed that what people devote themselves to professionally reflects their moral standard. What does it say about my ethics if I devote myself to a profession that doesn't yield any direct benefit to mankind?

This question struck a chord with me, and I've since realized that I find it so dissonant because it oscillates counter to everything that drives me. What of Ludwig van Beethoven? Anna Pavlova? Leonardo da Vinci? Surely nobody considers their contributions to society impractical. And yet, physicists must constantly defend themselves against the eternal question: what is the point of what you do?

Beethoven wouldn't dignify this question with an answer. No artist should. The great achievement of mankind is that we have moved beyond the need to merely survive. We find ourselves with the free time and resources to not just subsist, but to find joy in life and to create for the sake of our own pleasure.

I'm no engineer. Someday my work may result in something practical for mankind. After all, electricity began as a curiosity for physicists. But this isn't likely, and that's okay. That's

*Physicists are entertainers
of the most sophisticated caliber.*

not why I want this career. Physicists are entertainers of the most sophisticated caliber. We are storytellers. But unlike that in most authors', the beauty of our work is that it is rooted in reality. We paint the universe. Our patrons are those who derive joy from this beauty and the knowledge that it exists because of their support.

What does it say about our world that physics is going the way of ballet, opera, classical music — our support is waning. We are losing our patrons to more practical endeavors. Cer-

tainly we need productive ventures to sustain ourselves — but for what purpose do we create this excess, if not to spend it on our enjoyment?

How can physics reclaim the pull it once held over our patrons' imaginations? How can our stories reclaim their audience? Perhaps we must wait for our Picasso or Sousa. The next revolution in physics is coming — we just need the creative minds that will write the next great tale. And certainly there is no shortage of physicists ready to assume the role.

In the meantime, they need the resources to create the tools they need. Physics has become a costly form of entertainment.

Equipment can easily cost millions, and accelerators and detectors can run into the billions of dollars. So I appeal to all those who appreciate knowledge for the sake of knowledge, who relish stretching their minds around the strange and wondrous, who possess the sophistication to appreciate an art form that must stand up to the most rigorous critiquing and review before it is even unveiled. I appeal to those with the power to support this entertainment — governments, businesses, every voter. Don't let the pure sciences die; our culture will be poorer for it.

Cassi Hunt is a member of the Class of 2008.

Letters To The Editor

Gross Judgments Unclassy

Just because Mr. Gupta sat in on a talk by the Egyptian ambassador to the U.S. does not make him an expert on the state of Egypt's culture. For example, Mr. Gupta condescendingly states that Egypt has no "leading intellectuals." This is grossly incorrect, and in fact Egypt has countless intellectuals who contribute to economic, political, philosophical and scientific

thought in Egypt and around the globe.

Many Egyptian intellectuals are unknown to the general Western public, but that does not mean they do not exist. But just for Mr. Gupta's cultural education, here are some famous Egyptian intellectuals he did not think of before writing his article: Naguib Mahfouz (writer and Nobel Prize winner); Taha Hussein (writer); Nawal ElSaadawi (feminist and writer); Ahmed Zewail (scientist and Nobel Prize winner); and Farouk ElBaz (scientist).

Just as one talk does not make Mr. Gupta

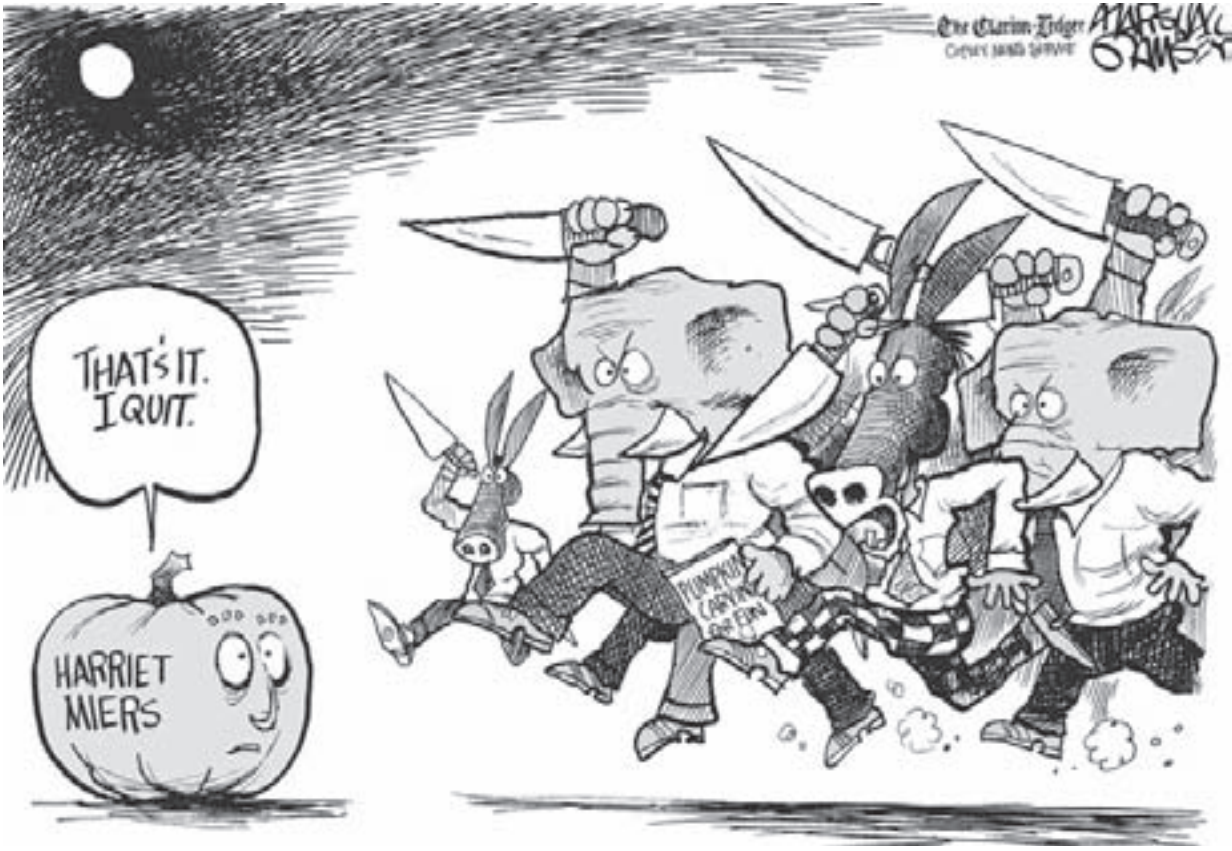
an expert on a country, two months at MIT since beginning freshman year doesn't make him an expert on MIT's culture. As a veteran MIT student I can assure him that MIT is full of culture; just walk down the Infinite Corridor and count the many announcements for social, political and economic events being held at MIT.

Bottom line: Mr Gupta should do his research before making gross judgments that are ... well, shall we say, uncultured?

Aliaa Abdelhakim G

Corrections

A front-page article on Friday about MIT's dismissal of Professor Luk Van Parijs incorrectly described one of his former research collaborators. While Michael McManus has been a coauthor with Van Parijs on several papers, he did not work in Van Parijs' laboratory.



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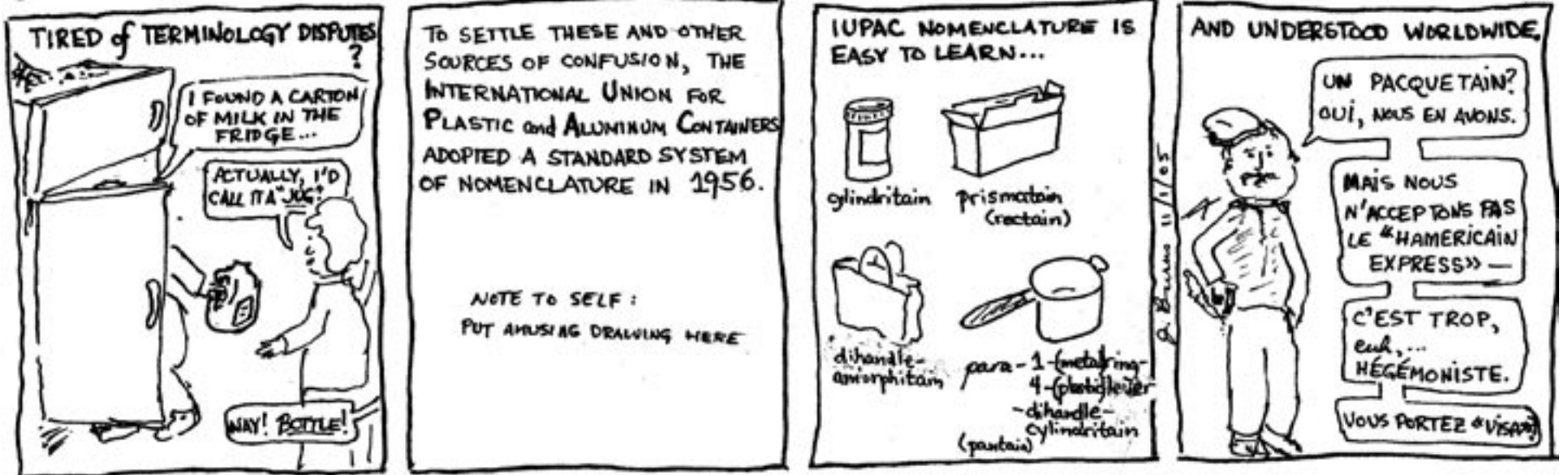
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Filler Space ON STANDARD TIME

by Jason Burns



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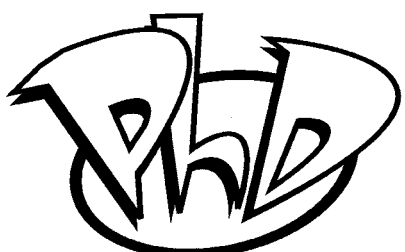
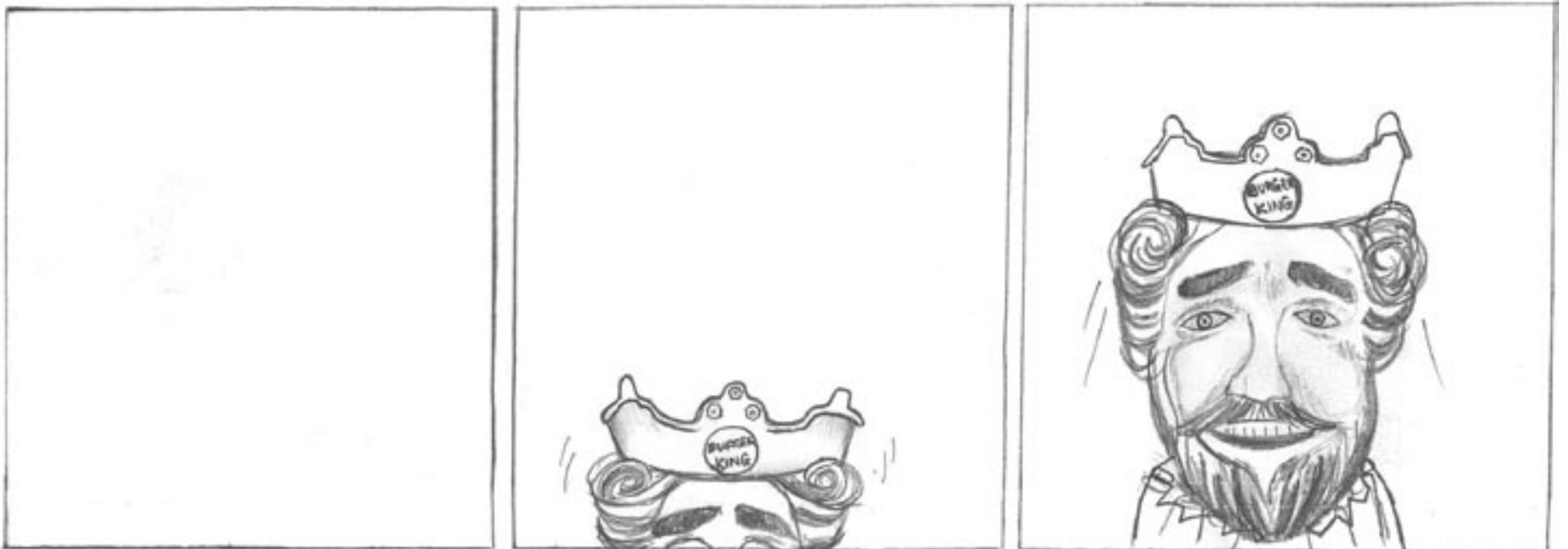
Bobby's song of the moment: ALUM.MIT.EDU/WWW/EMIE

by Emezie Okorafor



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Crossword Puzzle

Solution, page 19

su|do|ku
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so that every
column, row,
and 3 by 3 grid
contain exactly
one of each
of the digits 1
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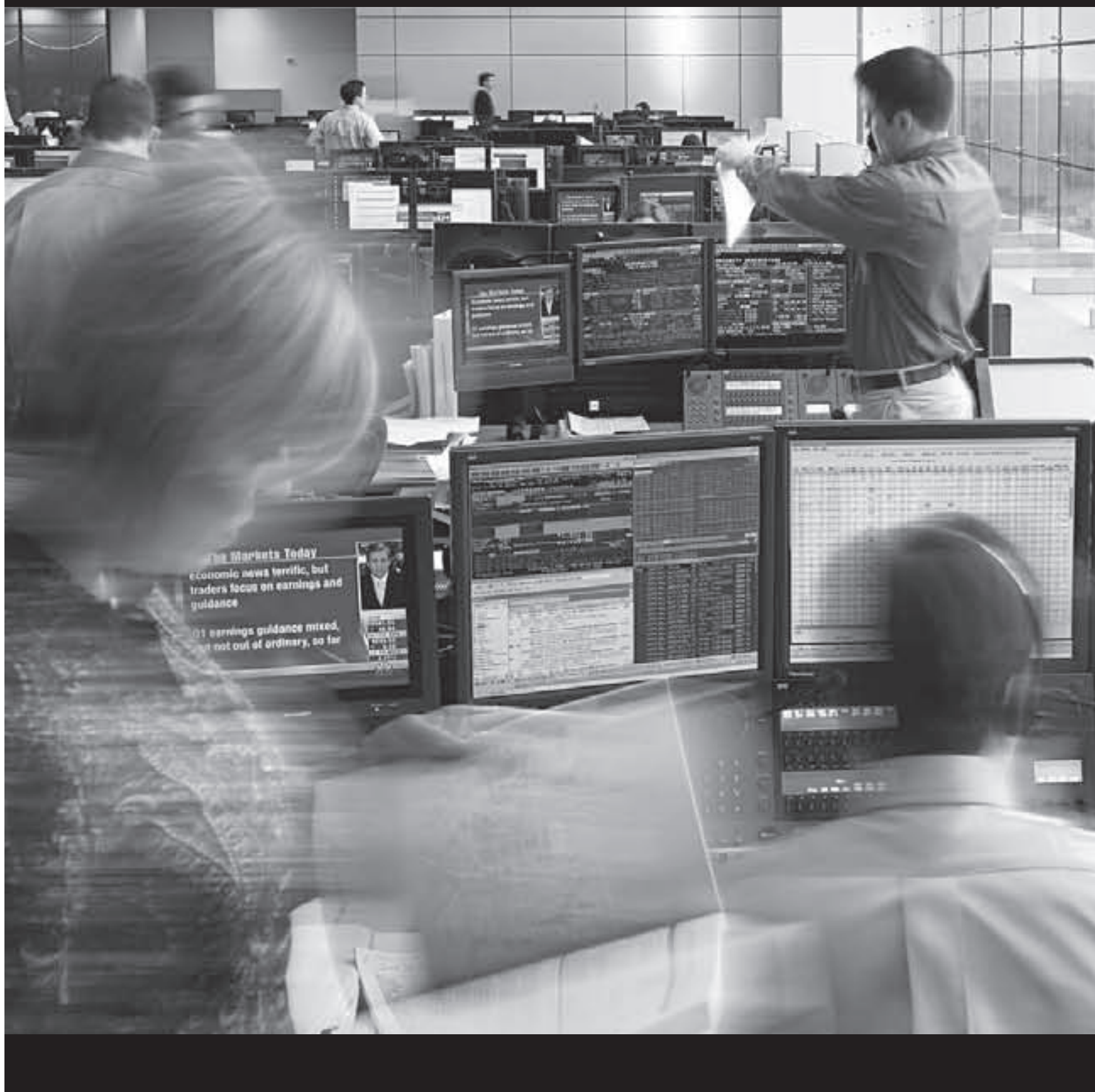
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CAMPUS LIFE

Lobdell? More Like Dog Hell

By Nikhil Shenoy and Chris Cabral

So what should you have in an almost decent college food court? Everything starts with the sandwich place: custom sandwiches ranging from chicken parmesan to roast beef or turkey as you like it.

Then there's the obligatory Italian joint that serves pasta and pizza to your heart's content. The pasta is also customizable with a daily rotation of meatballs, lasagna, veggies, red sauce, white sauce, and sausages.

A fast food option is also necessary for that greasy fix. McDonald's, Wendy's, Roy Rogers are all fine options, but if you want the best, go for the King: Burger King. You might not want to serve the full menu, though, to keep things simple.

In addition to these, a cool idea would be a sushi bar where they make the sushi right in front of you and conveniently have some pre-made boxes ready for a quick pickup. Next to that, you might add in some Mexican place that serves taco salads, burritos, etc.

Obviously, you have to have the Fountain of Soda, where the sugar flows in such a way that it makes Stokes' Law something less manly than Stokes' Law (I'm a chemical/nuclear engineer,

and I don't really know what Stokes' Law is, but I can almost guarantee I've broken it.).

This is an okay food court, but it wouldn't be complete without a salad bar where you can unleash your creativity, with your hands safely operating behind a useless sneeze guard, and then get charged by weight. To top it off, the cash registers would be at the entrances, so you can leave quickly and not "accidentally" steal your food.

For those who aren't morons or '09s or probably both, the description above accurately depicts what Lobdell once was. To my dismay, when I returned to MIT after a fantastic summer making lots of money in New York City/scraping by making next to nothing at an MIT UROP, I was greeted by a gutted sweatshop with only three options.

I decided to do some research, but found it hard to stay long enough to actually eat the food because of the lousy canine stench and the incessant yelping in the background.

Option 1: The Italian Joint. This place sucks. They have pizza, but it's worse than before. They also have pasta, which is also worse than

before. And instead of a jolly Italian man, they have someone who is much worse than before. The mushy sludge they offer at this sorry excuse of a food place is illegal in nine countries and California.

Option 2: The Falafel Place. This place sucks. Not only do they not serve meat, but they show this terrible commercial selling their establishment. We get customer testimonials, food process behind-the-scenes, and sandwiches that look infinitely better than the ones they serve. Look, if we're already in line at your place and are destined to eat one of your culinary abortions (thanks Family Guy!) anyway, please don't lie to us on top of it.

The only redeeming quality of this place is the gorgeous Falafel Girl that was behind the counter the one time I walked into the new Lobdell before the dog stench took over. I don't know if she's there anymore or knows English, but if she is reading this, our e-mails are vcabral@mit.edu and nshenoy@mit.edu.

Option 3: The Japanese Place. This place sucks. There are a few redeeming qualities, such

as diversity: they offer Peking Poodle, Mandarin Mastiff, Kung Pow Chihuahua, Crispy Dalmatian and Broccoli, Cream of Some Young Chow, and General Gau's Golden Retriever. As you can imagine all of these dishes smell like an Athena cluster after a Course 6 pset is due.

Aside from smelling like sweaty dog, the Japanese Joint serves a bevy of raw fish. Suspiciously enough, the same sushi can be had down in La Verde's Market, safely refrigerated even, for the exact same price and expiration date. There's an awesome sandwich place in La Verde's too, and more than one crummy cash register.

So, they took away the salad bar and sandwich place. They also caused a soda drought and replaced it with bubble tea. A hint for those of you just dying to sue MIT for \$10 million: Bubble Tea Is A Choking Hazard! Furthermore, you have to pay for everything at the register for each restaurant, making it compulsory to nonchalantly steal your food. For you '09's: If you pay for an Alpine smoothie, you've also paid for the markup due to my many stolen ones.

Inefficient. Privatized. Worse. Sounds like MIT hasn't lost its touch in improving campus life. Eating at the new Lobdell is like playing Russian Roulette without any empty chambers.

Inefficient. Privatized. Worse. Sounds like MIT hasn't lost its touch in improving campus life.

Imminent Collapse

Sickness Suckiness

By Bill Andrews
ASSOCIATE CAMPUS LIFE EDITOR

How are you? No, I'm not walking down the Infinite being polite, I'm actually asking, because odds are you're sick. There's stuff going around, as my girlfriend can attest. She has an, as yet, unidentifiable illness: I think she has a cold; she thinks it's the avian flu. But either way, we know she's sick, and she has my full sympathy — there's no worse place to be sick than MIT.

In elementary school being sick was da bomb: no make up work, no make up tests. I was so good at going home sick in elementary school, my friends joked I was having a fling with the nurse; I tolerated this, because she was hot.

High school was different, but still not too bad. If you are an MIT student (or professor — hey, there's always a chance), then chances are you took high school pretty seriously. No sick days unless you were absolutely dying because the make-up work would be terrible. And there lie two key differences between being sick in high school (and, presumably life in general) and being sick here.

First is the assumption that, even though the work would be terrible, you could eventually finish all the make-up work. Perhaps

you have had the good fortune of never having been sick @mit.edu? Imagine that you are sick under the best possible circumstances, on a weekend.

Consider all the work you do on a weekend. So now you have to do the work during the next week, on top of other work you have, and life sucks because you'll never finish.

Perhaps you're thinking, "Well, I've gone on retreats for whole weekends, or seen movie marathons, and it wasn't so bad." But being sick sucks, having fun doesn't. If you punted all weekend, and you're stuck with the work, you have good memories to look back on. If you're sick, it's like an Act of God, an anti-miracle of more work and that makes it much harder to work efficiently.

The second key difference is the assumption that you are expected to take days off. I'm convinced that professors not only expect our complete, undivided attention to and selfless study of their discipline, but also immunity from most germs (equally feasible, if you ask me).

Perhaps it's because we're so smart we should figure out a way not to get sick, or maybe it's supposed to be the radiation leaking out of our ABC-approved unsafe nuclear reactor, but whatever the reason, I've had close brushes with academic doom because of the sniffles.

This is not to vilify the professors, who are usually pretty flexible if you approach them nicely. It just seems sometimes like they expect an awful lot of us, both mentally and physically, and that's just not what we signed up for. I have one class where three absences mean an automatic lowering of the final grade; pretty harsh, as the professor himself told us.

And though I've managed to have perfect attendance in that class so far, I worry.

What happens if I really get sick? I probably wouldn't get much help from MIT Medical (since I'm not pregnant, after all), so what would I do? Even the best medicines take time to work, and in that time, I could have missed pages and pages of work that I might never get out from under. So maybe I just won't get sick ... but then there's my girlfriend and her unidentifiable disease. I bet it's contagious, and she's really hot. This is a scary time to become ill, what with the avian flu and midterms going around.

Man, it's enough to make you sick.

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RAY C. HE—THE TECH

Halloween Draws Costumes, Pumpkins, And Performances

MIT Students celebrated Halloween over the weekend in a variety of fun and frightful ways.

(left) Dressed as a cowgirl, Amanda G. Berry '09 rounds the rink during Sa-veTFP's "Spooky Skate" Friday night.



(above) A crowd watches from a safe distance as a pumpkin shatters into countless fragments after falling 15 stories from the top of the Green building during the annual Pumpkin Drop on Saturday.

(below) The MIT Concert Band, directed by Thomas Reynolds, put on a spooktacular performance in the Student Center. Performers dressed in full Halloween attire captivated the audience.



CHUN LI

Bayou Bash Celebrates City of New Orleans

Clockwise from right:

Louis D. Fouche '07 improvises a solo along with other New Orleans performers. Fouche was forced from his home after hurricane Katrina.

A member of the Wild Magnolias rouses the crowd with dancing and singing while in his Mardi Gras Indian costume.

June Yamagishi plays guitar and sings along with his band.



DAVID TEMPLETON



RICARDO RAMIREZ—THE TECH



RICARDO RAMIREZ—THE TECH



OMARI STEPHENS—THE TECH

Students point excitedly at the first notable snow of the school year on Saturday, Oct. 29. Though relatively short-lived, the fluffy precipitation brought a change of pace to the weather.

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How much coffee can I drink?

Dear MedLink: I drink a lot of coffee. What's considered an unhealthy amount?
—**Caffeine Fiend**

Dear Fiend: It's great you asked this question, because so many of us depend on that caffeine to get us through those late-night p-sets.

According to MIT Medical nutritionist Anna Jasonides, 200 to 300 mg. of caffeine per day would be considered a moderate amount. Since an eight-ounce cup of coffee usually has 65 to 120 mg. of caffeine, you probably want to limit yourself to two or three cups a day. Jasonides notes that coffee consumption doesn't seem to pose any significant long-term health risks, but in the short term, excessive consumption can lead to anxiety, insomnia, and increased urination, which, combined with other factors, may contribute to dehydration. However, Jasonides emphasizes, individuals react differently to caffeine. Regular coffee drinkers tend to build up a tolerance to its effects, while someone who doesn't normally drink coffee might react strongly after a single cup.

And it's that individual reaction that matters, say both Jasonides and psychologist Xiaolu Hsi, Ph.D., of MIT Medical's Mental Health Service. "If, during or shortly after drinking coffee, you experience such physiological reactions as palpitation, pounding heart, an accelerated heart rate, or hand tremor, restlessness, and/or nervousness that can't be explained by other reasons, you may have had too much caffeine," says Hsi, who also cautions that the same concerns apply to caffeine pills and caffeinated beverages other than coffee.

If you seem to be experiencing any of these symptoms, you probably need to cut back on the coffee. MIT Medical's Center for Health Promotion & Wellness suggests other strategies to try when you're tired but still have work to do. Going outside for some fresh air, taking a shower or splashing some water on your face, or taking an exercise break (especially late in the day), are all good ways to wake up without caffeine.

Hope this helps! —**Anu '07**



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Chinese Make Bid to Convert Universities Into World's Best

By Howard W. French
THE NEW YORK TIMES

When Andrew Chi-chih Yao, a Princeton professor who is recognized as one of the United States' top computer scientists, was approached by Qinghua University in Beijing last year to lead an advanced computer studies program, he did not hesitate.

It did not matter that he would be leaving one of America's top universities for one little known outside China. Or that after his birth in Shanghai, he was raised in Taiwan and spent his entire academic career in the United States. He felt he could contribute to his fast-rising homeland.

"Patriotism does have something to do with it, because I just cannot imagine going anywhere else, even if the conditions were equal," said Dr. Yao, who is 58.

China wants to transform its top universities into the world's best within a decade, and it is spending billions of dollars to woo big-name scholars like Dr. Yao and build first-class research laboratories. The effort is China's latest bid to raise its profile as a great power.

China has already pulled off one of the most remarkable expansions of education in modern times, increasing the number of undergraduates and people who hold doctoral degrees fivefold in 10 years.

"First-class universities increasingly reflect a nation's overall power," Wu Bangguo, China's second-ranking leader, said recently in a speech here marking the 100th anniversary of Fudan, the country's first modern university.

The model is simple: recruit top foreign-trained Chinese and Chinese-American specialists, set them up in well-equipped labs, surround them with the brightest students and give them tremendous leeway. In a minority of cases, they receive American-style pay; in others, they are lured by the cost of living, generous housing and the laboratories. How many have come is unclear.

China is focusing on science and technology, areas that reflect the country's development needs but also reflect the preferences of an authoritarian system that restricts speech. The liberal arts often involve critical thinking about politics, economics and history, and China's government, which strictly limits public debate, has placed relatively little emphasis on achieving international status in those subjects.

In fact, Chinese say — most often euphemistically and indirectly — that those very restrictions on academic debate could hamper efforts to create world-class universities.

"Right now, I don't think any university in China has an atmosphere comparable to the older Western universities — Harvard or Oxford — in terms of freedom of expression," said Lin Jianhua, Beijing University's executive vice president. "We are trying to give the students a better environment, but in order to do these things we need time. Not 10 years, but maybe one or two generations."

Nonetheless, the new confidence about entering the world's educational elite is heard among politicians and university administrators, students and professors.

"Maybe in 20 years MIT will be studying Qinghua's example," says Rao Zibe, director of the Institute of Biophysics at Qinghua University, an institution renowned for its sciences and regarded by many as China's finest university. "How long it will take to catch up can't be predicted, but in

some respects we are already better than the Harvards today."

In only a generation, China has sharply increased the proportion of its college-age population in higher education, to roughly 20 percent now from 1.4 percent in 1978. In engineering alone, China is producing 442,000 new undergraduates a year, along with 48,000 graduates with masters' degrees and 8,000 Ph.D's.

But only Beijing University and a few other institutions have been internationally recognized as superior. Since 1998, when Jiang Zemin, then China's leader, officially began the effort to transform Chinese universities, state financing for higher education has more than doubled, reaching \$10.4 billion in 2003, the last year for which an official figure is available.

Xu Tian, a leading geneticist who was trained at Yale and still teaches there, runs a laboratory at Fudan University that performs innovative work on the transposition of genes. On Aug. 12 his breakthrough research was featured on the cover of the prestigious journal *Cell*, a first for a Chinese scientist.

Beijing University drew on the talents of Tian Gang, a leading mathematician from MIT, in setting up an international research center for advanced mathematics, among other high-level research centers. Officials at Beijing University estimate that as much as 40 percent of its faculty was trained overseas, most often in the United States.

The president of Yale University, Richard C. Levin, interviewed in Shanghai, where he was the featured guest at Fudan's centennial celebration in late September, also had high praise for China's students.

"China has 20 percent of the world's population, and it is safe to say it has more than 20 percent of the world's best students," he said. "They have the raw talent."

But Mr. Levin also noted that China's low labor costs simplified the effort to upgrade. He said he had been astounded by the new laboratories at Jiaotong University in Shanghai, which he said could be built in China for \$50 a square foot, compared with \$500 a square foot at Yale.

Some critics say that the country is trying to achieve excellence in too many areas at once and that the plans of the 30 or so universities selected for heavy state investment duplicate efforts, sacrificing excellence. Even Mr. Levin tempered his enthusiasm with a warning that the "top schools have expanded much too fast and are diluting quality."

In many cases, though, the toughest criticism comes from people who have worked in the system.

"It is important for different universities to have different qualities, just like a symphony," said Yang Fujia, a nuclear physicist and former president of Fudan. "But all Chinese universities want to be comprehensive. Everybody wants to be the piano, having a medical school and lots of graduate students."

Mr. Yang, who leads a small experimental university in Ningbo, also criticized the lack of autonomy given to many Chinese researchers.

"At Princeton one mathematician

spent nine years without publishing a paper, and then solved a problem that had been around for 360 years," Mr. Yang said, a reference to Andrew J. Wiles and his solution to Fermat's last theorem in the early 1990s. "No one minded that, because they appreciate the dedication to hard work there. We don't have that spirit yet in China."

Similarly, Ge Jianxiong, a distinguished historical geographer at Fudan, said Chinese culture often demands speedy results, which could undermine research. "In China projects are always short-term, say three years," he said. "Then they want you to produce a book, a voluminous book. In real research you've got to give people the freedom to produce good results, and not just the results they want."

Mr. Ge added that education suffered here because "it has always been regarded as a tool of politics."

Dr. Yao said he had expected to concentrate on creating a world-class Ph.D. program but had found surprising weaknesses in undergraduate training and had decided to teach at that level. "You can't just say

"Maybe in 20 years MIT will be studying Qinghua's example."
—Rao Zibe, director of the Institute of Biophysics at Qinghua University

I'll only do the cutting-edge stuff," he said. "You've got to teach the basics really well first."

But the biggest weakness, many Chinese academics in-

cluded, is the lack of academic freedom. Mr. Yang, the former president of Fudan University, warned that if the right atmosphere was not cultivated, great thinkers from overseas might come to China for a year or two, only to leave frustrated.

Gong Ke, a vice president of Qinghua University, said universities had "the duty to guarantee academic freedom."

"We have professors who teach here, foreigners, who teach very differently from the Chinese government's point of view," he added. "Some of them really criticize the economic policy of China."

Li Ao, a writer in Taiwan, visited Beijing University in September and gave a speech calling for greater academic freedom and independence from the government. The next day, after reportedly coming under heavy official pressure, he delivered a far tamer version elsewhere.

The Chinese government also censors university online bulletin boards and discussion groups, and recently prevented students at Zhongshan University in Guangzhou from conversing freely with visiting elected officials from Hong Kong.

Students here are not encouraged to challenge authority or received wisdom. For some, that helps explain why China has never won a Nobel Prize. What is needed most now, some of China's best scholars say, are bold, original thinkers.

"The greatest thing we've done in the last 20 years is lift 200 million people out of poverty," said Dr. Xu. "What China has not realized yet, though, if it truly wants to go to the next level, is to understand that numbers are not enough."

"We need a new revolution to get us away from a culture that prizes becoming government officials. We must learn to reward real innovation, independent thought and genuine scholarly work."

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Van Parijs' *Immunity* Papers Now Doubted

Van Parijs, from Page 1

erowitz, chair of the biology division, she said. Meyerowitz began the inquiry at the behest of Caltech President and Nobel Laureate David Baltimore, also a former MIT Institute professor, in whose laboratory Van Parijs worked.

The inquiry focuses on two papers published in *Immunity* in 1999, Perry said. The results of Meyerowitz's inquiry will determine whether Caltech further investigates Van Parijs' work, she said.

Brigham and Women's Hospital, where Van Parijs did his graduate studies in conjunction with Harvard Medical School, where he earned his doctorate in 1997, issued a statement saying that the hospital "recently became aware of information that raised questions about the integrity of Luk Van Parijs' research." The hospital "has been assessing that information," according to the statement.

Van Parijs' doctoral adviser Abul Abbas, now head of the pathology department at the University of California, San Francisco, said that he has spoken with the hospital about Van Parijs' work. "We're trying to decide what to do," he said. He said he would be "perfectly happy" if the

hospital wants to investigate, but he cautioned that it would be difficult since no one involved in the work is still at the hospital, and faculty members "would have to commit some serious time."

While there may be specific questions about work done by Van Parijs, Abbas said he believes the general conclusions are correct, as many of the results of Van Parijs' work have since been verified by other laboratories.

Van Parijs was an "absolutely outstanding student," with a bright future, Abbas said. "I wrote glowing letters for [Van Parijs] because he was really considered a star," he said. "Obviously, I had no concerns about his integrity when he was in my lab."

Abbas said he first heard about Van Parijs' possible misconduct about a year ago when Van Parijs' "lab was shut down rather precipitously" when MIT first heard allegations of misconduct. "Within a day, a lot of people knew" because his graduate students and postdoctoral fellows suddenly had to look to other research laboratories for work, he said.

"I have no idea what drove Luk into this," he said.

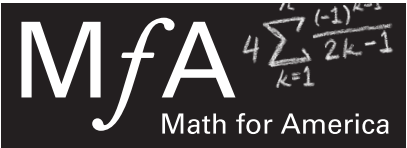


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Who should use mental health services?

Any student who is having troubles with stress, substance abuse, or mental health issues, should feel free to come to the mental health service at MIT Medical. Typical mental health issues include difficulties with relationships, family stresses, school stresses, break-ups, anxiety or worry, questions about sexual identity, eating issues and depression. Often these things are affecting the student’s ability to do his or her school work or enjoy things that usually are a source of pleasure.

What services does the MIT Mental Health Service provide?

MIT Mental Health Service works with individuals, couples, groups, and families. Services include evaluation, treatment (both psychotherapy and psychopharmacology), referrals, and urgent care. The Mental Health Service staff is comprised of a diverse group of clinicians from different disciplines and different approaches to psychotherapy including psychodynamic and cognitive behavioral therapy. The Mental Health Service offers many different therapy, support, and discussion groups. Mental health clinicians will listen to the needs of students, discuss the various types of treatment available, and make appropriate recommendations.

Is everything in a mental health visit really 100% confidential?

Everything that a student tells a mental health clinician is privileged information. This means that the information cannot be given to any other person without their permission. There are a few exceptions: 1) if the student is in serious danger of harming his or herself or someone else, then the clinician can notify other people in order to prevent harm; 2) if the student is involved in the abuse or neglect of a child or an elderly person, then the clinician is mandated to inform the appropriate agency.

This is one of a series of mental health FAQs developed by SHAC (Student Health Advisory Committee) with input from MIT Medical’s Mental Health Service. More questions and answers on mental health issues are available online.

Go to <http://web.mit.edu/medical> to find answers to the following questions:

- ▶ **What should I do if I am worried about a friend or think he or she may want to harm his or her self?**
- ▶ **Sometimes I feel sad, other times overwhelmed but usually I get over it. Would going to MHS be helpful to me?**
- ▶ **How do I make an appointment?**
- ▶ **What should I expect at my first visit?**
- ▶ **Does it cost anything to use the mental health service at MIT Medical?**

To learn more about SHAC membership, look out for our “Turn the Tables: Examine Medical” event, or visit our website <http://web.mit.edu/shac>.

College Leaders Worry Most About Finances, Chronicle Study Finds

By Karen Arenson
THE NEW YORK TIMES

College presidents are more preoccupied with financial issues than educational ones, according to a new survey by *The Chronicle of Higher Education*.

The presidents said they believed they were judged slightly more on whether they had a balanced budget than for the quality of educational programs. Five of the six top concerns they cited related to money: rising health care costs, rising tuition, financial aid, technology costs and inadequate faculty salaries. The sixth was retaining students.

“While the job of college president is often still filled by former provosts, their top priority these days is more akin to that of a chief financial officer,” *The Chronicle* says in its Nov. 4 issue, available this week.

The survey, sent to the presidents or chancellors of 1,338 four-year colleges over the summer, drew 764 responses, or 57 percent. It was conducted for *The Chronicle* by Maguire Associates, of Bedford, Mass.

Jeffrey Selingo, the *Chronicle* editor who oversaw the study, said he did not know of any other study of college presidents that looked as broadly at their jobs, their political views and their personal lives. He said the sample was representative of all presidents at colleges that grant bachelor’s degrees.

Discussing daily activities, more than half of the presidents, 53 percent, said they spent part of every day on fund-raising. The next most frequently mentioned daily activity was budget and finance matters (44 percent). Only 41 percent said they dealt with

educational leadership on a daily basis. Even fewer presidents, 28 percent, — said they attended to student life matters every day.

A similar tilt toward business was reflected in the people with whom the presidents met. Almost half, 49 percent, said they met daily with their chief financial officer, only slightly less than the 53 percent who said they met daily with their provost, the person usually regarded as the top academic officer. And 43 percent said they met daily with their chief fund-raiser. Only 18 percent said they talked to their head of student affairs every day.

Many college presidents “have an obsession, day in and day out, with things related to finance,” John Maguire, chairman of Maguire Associates, said in the article.

Of the presidents who answered the survey, 41 percent said they were registered as Democrats, 22 percent as independents and 19 percent as Republicans. But 56 percent said they voted for John Kerry and 28 percent for George W. Bush.

Although there has been growing representation of women in top jobs on many campuses, *The Chronicle* said the president was still usually a man who was at least 50 years old, white and Christian. Despite the emphasis on financial matters, nearly a fifth of the presidents said the facet of their jobs they were least prepared for was fund-raising. Eleven percent said the part they were most unprepared for was dealing with legislators and other political issues. And 11 percent pointed to budgetary issues as their Achilles’ heel when they became presidents.

Applicant Appreciates MyMIT Despite Crash

MyMIT from Page 1

acknowledge them immediately, take appropriate steps to correct them, and then share as much of the process as we can with the applicant community via the MyMIT blogs,” he wrote.

“This openness — which mirrors that of the larger MIT culture — shows our applicants that we not only care about them but want to include them, and they respond with thanks and appreciation,” he wrote.

Eric Asava-Aree, who will be applying for admission to the Class of 2010, wrote in an e-mail that al-

though his application status was not affected since he is applying regular decision, he “couldn’t access the portal to read the updates.” In spite of the problems, his “impression of MyMIT hasn’t changed much,” he said. “I still think it’s one of the best admission portals around, for it has provided a much deeper insight into MIT than what other universities’ portals and Web sites have been able to do.”

The MyMIT portal is only used for undergraduate admissions; the outage did not affect graduate applications.

EPANA

What I wish I had known

Dr. Eric L. Raab

Alumni & Chief Technology Officer Epana

EPANA is a leading US provider of high-quality, advanced consumer telecommunications services. Established in early 2000, EPANA has emerged as a technology and market leader. EPANA works with many of the leading edge technologies that are driving the software industry today.

EPANA has one of the largest VoIP networks in the country - and possibly the world. EPANA bases much of its development on open or accessible systems, so we easily and effectively integrate our business and analytical software to our networking infrastructure.

Much of EPANA's software applications have been developed internally. Our employees are not only software experts but also are well-versed in business processes. They perform full life cycle development. Our developers meet with business teams to develop specifications and determine needs, then build, maintain, support, and finally deploy completed projects. Performing all of these functions in-house has given us tremendous flexibility in extending our business into new domains. We understand all the data systems and applications from having built them from the ground up. This allows us to continue to provide superior technical products and service for our customers.

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Dr. Eric L. Raab

- CTO Epana
- More than 15 years of experience in telecommunications
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When: November 3, 2005

Where: Building 4 Room 310 6:00 pm

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4:30 PM - Room 1-150

For more information or to apply
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More Group Spaces In Store for Athena

IS&T, from Page 1

In an interview, Dolan said she hopes to treat telephones and networking like water and electricity. For example, a laboratory with many computers would not have to pay more for its networking, just as it does not pay more for power.

This restructuring would affect recurring monthly charges; there would still be separate installation charges.

Athena cluster changes planned

At the same forum, M.S. Vijay Kumar, IS&T's director of academic computing, announced an intention to continue to modify Athena clusters in response to changes in student use patterns.

In summer of 2004, IS&T remodeled portions of the W20-575 and 56-129 Athena clusters to produce workspace intended for collaboration. Kumar said that IS&T would try to assist those previous changes, as well as provide two more collaborative spaces.

Kumar said in an e-mail that IS&T has not identified specific locations for these spaces and intends to solicit community input through IS&T's Student Technology Advi-

sory Board and the MIT Council on Educational Technology.

Kumar said that the work would take place over the current academic year, but he declined to specify the budget.

Solution to Sudoku

from page 7

5	6	2	8	1	9	7	4	3
8	4	1	2	3	7	5	9	6
9	3	7	5	6	4	8	2	1
3	1	4	9	8	6	2	5	7
6	7	8	4	5	2	1	3	9
2	5	9	3	7	1	6	8	4
1	8	5	6	4	3	9	7	2
4	9	6	7	2	5	3	1	8
7	2	3	1	9	8	4	6	5

If you had any brains
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NEWMAC SCOREBOARD

Field Hockey

		NEWMAC Only			Overall		
	Team	Wins	Losses	Win %	Wins	Losses	Win %
1	Babson	7	1	.875	17	4	.810
	Springfield	7	1	.875	18	2	.900
3	Wellesley	6	2	.750	12	5	.706
	Mount Holyoke	6	2	.750	12	6	.667
5	MIT	3	5	.375	11	7	.611
	Wheaton	3	5	.375	8	12	.400
7	Clark	2	6	.250	3	14	.176
8	Smith	1	7	.125	6	11	.353
	WPI	1	7	.125	6	11	.353

Men's Soccer

		NEWMAC Only				Overall			
	Team	Win	Loss	Tie	Win %	Win	Loss	Tie	Win %
1	Wheaton	5	0	1	.917	11	4	2	.706
2	Babson	5	1	0	.833	11	3	4	.722
3	Clark	4	1	1	.750	12	2	2	.812
4	Coast Guard	2	4	0	.333	6	9	1	.406
5	Springfield	1	4	1	.250	4	11	1	.281
	WPI	1	4	1	.250	7	6	1	.536
7	MIT	1	5	0	.167	7	8	0	.467

Women's Soccer

		NEWMAC Only				Overall			
	Team	Win	Loss	Tie	Win %	Win	Loss	Tie	Win %
1	Wheaton	8	0	1	.944	15	4	1	.775
2	Springfield	8	1	0	.889	12	4	2	.722
3	Clark	5	3	1	.611	10	6	1	.618
4	Babson	4	3	2	.556	9	7	2	.556
5	Smith	4	4	1	.500	8	6	2	.562
	Wellesley	4	4	1	.500	7	7	2	.500
7	Mt. Holyoke	3	6	0	.333	7	10	0	.412
	WPI	3	6	0	.333	6	11	1	.361
9	MIT	2	7	0	.222	4	13	0	.235
10	Coast Guard	1	8	0	.111	4	12	0	.250

Women's Tennis

		NEWMAC Only			Overall		
	Team	Wins	Losses	Win %	Wins	Losses	Win %
1	Wellesley	7	0	1.000	9	0	1.000
2	MIT	6	1	.857	8	3	.727
3	Babson	5	2	.714	8	4	.667
4	Wheaton	4	3	.571	7	6	.538
5	Mount Holyoke	3	4	.429	5	6	.455
6	Springfield	2	5	.286	3	11	.214
7	Smith	1	6	.143	1	7	.125
8	Clark	0	7	.000	2	10	.167

Volleyball

		NEWMAC Only			Overall		
	Team	Wins	Losses	Win %	Wins	Losses	Win %
1	MIT	9	0	1.000	27	7	.794
2	Springfield	7	2	.778	25	7	.781
	Coast Guard	7	2	.778	21	4	.840
4	Smith	6	3	.667	20	6	.769
	Wellesley	6	3	.667	24	9	.727
6	Wheaton	4	5	.444	12	20	.375
7	Clark	3	6	.333	10	17	.370
8	Babson	1	8	.111	7	18	.280
	Mount Holyoke	1	8	.111	8	17	.320
	WPI	1	8	.111	10	15	.400

The New England Women's and Men's Athletic Conference is a Division III league in which MIT competes.

Even With Jackson in Charge, Lakers Won't Win Without Shaq

NBA, from Page 20

Indiana, Cleveland, New Jersey, Milwaukee, New York, and Washington.

Western Conference

As much as the road to the NBA Finals in the Eastern Conference goes through Miami, the road in the West goes through San Antonio. They were the best team of 2005, and they only got better in the off-season. The additions of Michael Finley and Nick Van Exel give the Spurs a second starting five coming off the bench. Don't bet on them winning 70 games though, because Gregg Popovich won't let them waste their energy before the playoffs start. The problem for the West is that while the Spurs got better, everyone else in the West, with the exception of the Rockets, got a little bit worse.

The Rockets still have Tracy McGrady and Yao Ming, and they added

Stromile Swift. This is enough to make them the second-best team in the conference but will still only give them a four-seed: the Spurs will win their division.

The loss of Michael Finley will be felt by the Dallas Mavericks right away. So will the loss of Amare Stoudemire to the Phoenix Suns. This drops both teams to a distant third and fourth in the West, but at least the Suns will get their incredibly talented power forward back sometime

during the season.

Are the Lakers a better team now with Coach Phil Jackson at the helm? It probably depends a lot on whether Kwame Brown can actually be effective in Los Angeles. Phil will add a couple of wins and take them to the playoffs. But without Shaq, they will continue to suffer.

Playoff teams: San Antonio, Houston, Phoenix, Dallas, Denver, Los Angeles Lakers, Memphis, and Seattle.

Solution to Crossword

from page 7

S	A	S	S		A	L	U	M		A	C	C	R	A
W	I	T	T		L	O	N	I		P	A	L	E	R
I	D	I	O	M	S	A	D	A	G	E	S	E	T	C
G	E	C	K	O		D	E	M	I		H	A	R	E
					K	E	E	P		R	I	F	F	N
D	E	S			T	O	R	T		T	U	B	A	
A	N	T	E		S	O	H	O		M	A	S	A	I
T	O	O	C	L	E	V	E	R		B	Y	H	A	L
A	S	T	R	O		E	C	C	E		T	W	I	N
					H	U	S	H		O	A	R	S	
S	S	E			T	O	F	U		T	H	A	I	
T	O	R	I		B	O	N	D		O	N	S	E	T
A	F	I	S	H	O	U	T	O	F	W	A	T	E	R
G	A	B	L	E		N	E	N	E		I	L	E	A
E	S	S	E	S		D	R	E	W		S	E	E	P

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Come hear Mark Jen (best known for being terminated for cause by Google, Inc. for the distribution of corporate secrets in his personal blog)

Mark Jen is a Producer at Plaxo. Before joining Plaxo, Mark was an Associate Product Manager at Google, a Program Manager at Microsoft, and a Software Engineer at IBM. You may have read about him in various newspapers and magazines including Business Week's May Cover story "Blogs will change your business", multiple articles in the New York Times, Wall Street Journal, USA Today, and even in People Magazine. Mark graduated in 2003 from the University of Michigan with a B.S.E. in Computer Engineering.

Plaxo is recruiting! Come and meet Mark and schedule an interview with him.

Who is Plaxo? Plaxo is a fast-paced technology startup located in Mt View, CA. We are a privately held company funded by leading investment and technology firms as well as strong individual investors: Sequoia Capital, Cisco Systems, Globespan Capital Partners, Harbinger Venture Management, Ram Shriram and Tim Koogler. Our product and our company are about creating a Web-of-Trust: a trusted and secure way to manage and translate address books and personal information; to update only those people you know, and to do this on multiple platforms. We are growing rapidly both in partnerships and customer base. Our recent partnership with AOL will offer us the opportunity to provide our service to the 35+ million users on AIM and AOL Mail, as well as our 5+ million current users. We're looking for bright, talented people who are great at what they do and enjoy building exceptional software and products.

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SPORTS

Volleyball Beats Coast Guard, Earns NEWMAC Crown

By Travis Johnson
ASSOCIATE SPORTS EDITOR

MIT Women's Volleyball found itself in a familiar spot this Saturday. Up two games to one, with home court

advantage in the post-season on the line, the Engineers were once again playing for the conference title against the Coast Guard Bears.

Last season, Coast Guard took games four and five, along with the title, sending MIT on a long bus ride back to Cambridge.

This time, MIT faced a 26-29 deficit, one point away from a decisive fifth game. Coast Guard was hot, and the similarities to last year were growing. But MIT broke serve and scored three straight points to take the lead 30-29 before eventually winning the game, their first regular season NEWMAC title, by the score of 34-32.

With the energy of a tight finish still flowing through both the players and crowd just after the match ended, Rockwell Cage looked and sounded like a state high school basketball final.

"I couldn't be prouder of them," said Coach Paul Dill after things calmed down a bit. "We haven't won the regular season [title] in my career here, so I'm over the moon for them, especially the seniors."

Even President Susan Hockfield and her family seemed excited as they came over to congratulate the team.

It was clear from warm-ups that the

Engineers had an intensity advantage over their opponent. They had bounce in their steps and smiles on their faces that Coast Guard didn't match.

Coast Guard may have been a little too comfortable with how well they were playing recently. They were on a 13-match winning streak, during which they only lost three games and weren't prepared for the early push by MIT.

"We were really riding on a lot of adrenaline in the first game," Dill said. Their adrenaline, combined with some sloppy play by Coast Guard, gave the Engineers an easy 30-15 win.

Part of the enthusiasm came from a pregame Senior Day presentation for defensive specialist Arlis A. Reynolds '06, hitter Caroline D. Jordan '06, and setter Austin Zimmerman '06. Together the seniors have formed the core of the team for their time here and honoring them beforehand served to motivate the team.

MIT's momentum carried over to the beginning of the second game as they jumped to a 7-3 lead. But Coast Guard hitters started tipping the ball over the MIT defenders, trying to land it before the back line of defense.

The Coast Guard tip took the initiative away from MIT and brought the Bears back from their early deficit for a 30-22 win.

MIT adjusted to Coast Guard's tip attack in the third game by "just playing more aggressively, especially on serving," Dill said afterwards.



Co-captain Austin Zimmerman '06 (#4) sets the ball, as Alexandra Huston-Carico '08 (#6) and Rose Zhong '08 (#7) rush in to make a spike against the Coast Guard Academy on Saturday, Oct. 29.

One of their most effective servers was Lindsay E. Hunting '09, who got MIT started in each game with two or three point off her serve.

Coast Guard began committing more errors as the game wore on. Their star, Corinne McCormack, hit several

balls long. Meanwhile, the constant pressure from MIT prevented their offense from setting up. MIT took the third game by the score of 30-20.

The fourth game was tight until late. While the seniors played well throughout, they really stepped up in this frame. Reynolds' digs, Zimmerman's sets, and Jordan's hits helped the Engineers dramatically.

With MIT down 26-28 and Coast Guard serving, Dill called time-out to set up a play where Jordan and another hitter crossed behind Zimmerman, throwing the Bear defense off balance. But during the play, Jordan fell down and Zimmerman ended up

setting to an empty corner.

That put MIT in a pressure situation, one point away from losing the game and going to a fifth and deciding frame, in which MIT is 2-5 this season.

The pressure didn't affect MIT. Hunting, despite being a freshman, had the cold blood of a senior. She delivered four good serves during the set. The rest of the team was equally flawless and pushed through in the 34-32 win.

As Dill put it, "We just held our own, and they got a little scared on their side, and we stayed aggressive."

Men's Soccer Pulls Out NEWMAC Win As Season's End Approaches

Mindy Brauer
DAPER ASSISTANT DIRECTOR OF SPORTS INFORMATION

The MIT men's soccer team recorded its first NEWMAC victory of the 2005 campaign defeating WPI, 3-2, Thursday afternoon. Walter Song '06 led MIT (7-7, 1-4 NEWMAC) with a pair

of assists.

MIT wasted little time getting on the scoreboard, finding the back of the net 5:03 into the contest. Song fed Ryan T. Sheffler '07, whose shot bounced off goalie Matthew Cichon's right leg as he dove for the save. WPI (7-6-1, 1-4-1 NEWMAC) responded with the equalizer less than three minutes later when Matthew Young connected on a pass from Brandon Finzel.

MIT took the lead for good after Nitin Perumbeti '09 sent a throughball to Craig M. Bielski '08 who wove through the defense for a goal in the 33rd minute. MIT maintained its slim 2-1 advantage at the intermission,

marking the first time it has led at the break since Oct. 9 against Brandeis University.

MIT continued to attack in the second frame, extending its lead in the 58th minute. Song's strike on an indirect kick outside of the box was stopped by Cichon, but landed at the feet of Chase J. Lochmiller '08. Lochmiller capitalized on the deflection and booted it in for his third game-winning goal of the year.

WPI generated some offensive pressure of its own and found success with 9:50 left to play in regulation when Ryan Joy converted a penalty kick, cutting its deficit to one (3-2).

The remainder of the contest was a defensive battle as neither squad wanted to allow a late goal. In net, Thomas S. Caldwell '09 collected six saves for MIT. Cichon made nine stops for WPI in 78 minutes while Brian Catalano closed out the contest with two saves.

MIT will close out the regular season on Saturday, Oct. 29 at Wheaton College.



DAVID TEMPLETON

Dylan S. Wright '07 clears the ball from MIT territory at the men's soccer game against WPI on Thursday. The men's team won 3-2.



DAVID TEMPLETON

Chase J. Lochmiller '08 gives WPI's Kevin Toomey a shove in their game on Thursday.

As NBA Season Begins, Spurs, Heat Seem Likely To Lead the West, East

By Yong-yi Zhu
ASSOCIATE SPORTS EDITOR

The NBA season starts tonight, so I've broken down the conferences to distinguish the contenders from those that will not make it to the playoffs. But even before any analysis, unless things get incredibly crazy or injuries run rampant, it is obvious to me that the NBA Finals will pit the Spurs against the Heat.

Eastern Conference

The Detroit Pistons lost Coach Larry Brown, so they will no longer be the same dominant playoff force that they were the last two years. Even though they kept their core group of players in place, Flip Saunders cannot lead them on another playoff run as his track record with the Timberwolves showed. The Pistons have talent, but their lack of central leadership will prevent them from succeeding.

The team that benefits from Larry Brown now is the New York Knicks. With the addition of Quentin Richardson, Eddie Curry, and Jerome James, they are a much better team. However, they will still have a tough time getting to the postseason with

the bevy of great teams ahead of them. This team may be one of the last ones in the playoffs.

The Indiana Pacers are a better team with Ron Artest back at small forward, instead of sitting at home promoting his rap album. But their team is not deep which could be a problem if injuries arise (or if another fight breaks out). They should make a run in the playoffs if everything goes right.

The other team looking for a good playoff run after a terrific offseason is Cleveland. Not only do they have a great starting five but a good group coming off the bench as well. Donyell Marshall and Eric Snow are good contributors who will take these guys into the second round, if LeBron cannot stay uninjured.

Finally, there is Miami, which has done nothing but improve this offseason. They brought in Antoine Walker, James Posey and Jason Williams to complement Shaq's presence in the lane. They also have an excellent bench compared to the rest of the Eastern Conference. These guys are the real deal. This time, even if they have an injured Dwayne Wade, they will make it to the finals.

Playoff teams: Miami, Detroit,

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UPCOMING HOME EVENTS

Tuesday, Nov. 1, 2005

Varsity Women's Volleyball NEWMAC Championship Tournament Quarterfinal
Rockwell Cage, 7:00 p.m.

Wednesday, Nov. 2, 2005

Varsity Men's Ice Hockey vs. WPI
Johnson Ice Rink, 7:00 p.m.